

**WHAT IS CLAIMED IS:**

1 1. A method of developing topography based management  
2 systems, said method comprising:  
3 analyzing a topography design corresponding to a  
4 topography;  
5 identifying one or more topography requirements based  
6 on the analysis;  
7 creating topography components corresponding to the  
8 identified topography requirements, wherein each  
9 of the components is adapted to interoperate with  
10 one or more operating environments; and  
11 storing component data in a topography data store, the  
12 component data describing one or more of the  
13 components.

1 2. The method as described in claim 1 further comprising:  
2 creating a topography neutral application component,  
3 wherein the topography neutral application  
4 component is adapted to interoperate with more  
5 than one topography.

1 3. The method as described in claim 1 wherein at least  
2 one of the topography requirements is selected from  
3 the group consisting of a communication framework, a  
4 deployment mechanism, a security infrastructure, and  
5 an operation conduit.

1 4. The method as described in claim 1 wherein the  
2 component data includes one or more fields selected  
3 from the group consisting of a component identifier, a  
4 target platform, a development environment, a control  
5 model, a topography scale, a management style, a  
6 component dependency, a component placement, a

7 component packaging data, a component bundling data, a  
8 component build option, and a component runtime  
9 option.

1 5. The method as described in claim 1 further comprising:  
2 saving each component in a component library;  
3 wherein the storing further includes writing a record  
4 in a database file, each record corresponding to  
5 a distinct component.

1 6. The method as described in claim 1 further comprising:  
2 identifying one or more client attributes  
3 corresponding to a client;  
4 comparing the identified client attributes to the  
5 topography components; and  
6 selecting one or more topography components based on  
7 the comparing.

1 7. The method as described in claim 6 further comprising:  
2 installing the selected topographical components on  
3 one or more client computer systems.

1 8. An information handling system comprising:  
2 one or more processors;  
3 a memory accessible by the processors;  
4 one or more nonvolatile storage devices accessible by  
5 the processors;  
6 a topography development tool to develop a topography  
7 on one or more client computer systems, the  
8 topography development tool including:  
9 means for analyzing a topography design  
10 corresponding to a topography;

11 means for identifying one or more topography  
12 requirements based on the analysis;  
13 means for creating topography components  
14 corresponding to the identified topography  
15 requirements, wherein each of the components  
16 is adapted to interoperate with one or more  
17 operating environments; and  
18 means for storing component data in a topography  
19 data store, the component data describing  
20 one or more of the components.

1 9. The information handling system as described in claim  
2 8 further comprising:  
3 means for creating a topography neutral application  
4 component, wherein the topography neutral  
5 application component is adapted to interoperate  
6 with more than one topography.

1 10. The information handling system as described in claim  
2 8 wherein at least one of the topography requirements  
3 is selected from the group consisting of a  
4 communication framework, a deployment mechanism, a  
5 security infrastructure, and an operation conduit.

1 11. The information handling system as described in claim  
2 8 wherein the component data includes one or more  
3 fields selected from the group consisting of a  
4 component identifier, a target platform, a development  
5 environment, a control model, a topography scale, a  
6 management style, a component dependency, a component  
7 placement, a component packaging data, a component  
8 bundling data, a component build option, and a  
9 component runtime option.

1 12. The information handling system as described in claim  
2 8 further comprising:  
3 means for saving each component in a component  
4 library;  
5 wherein the means for storing further includes means  
6 for writing a record in a database file, each  
7 record corresponding to a distinct component.

1 13. The information handling system as described in claim  
2 8 further comprising:  
3 means for identifying one or more client attributes  
4 corresponding to a client;  
5 means for comparing the identified client attributes  
6 to the topography components;  
7 means for selecting one or more topography components  
8 based on the comparing; and  
9 means for installing the selected topographical  
10 components on one or more client computer  
11 systems.

1 14. A computer program product stored in a computer  
2 operable media for analyzing a topography design, said  
3 computer program product comprising:  
4 means for analyzing a topography design corresponding  
5 to a topography;  
6 means for identifying one or more topography  
7 requirements based on the analysis;  
8 means for creating topography components corresponding  
9 to the identified topography requirements,  
10 wherein each of the components is adapted to  
11 interoperate with one or more operating  
12 environments; and

13 means for storing component data in a topography data  
14 store, the component data describing one or more  
15 of the components.

1 15. The computer program product as described in claim 14  
2 further comprising:  
3 means for creating a topography neutral application  
4 component, wherein the topography neutral  
5 application component is adapted to interoperate  
6 with more than one topography.

1 16. The computer program product as described in claim 14  
2 wherein at least one of the topography requirements is  
3 selected from the group consisting of a communication  
4 framework, a deployment mechanism, a security  
5 infrastructure, and an operation conduit.

1 17. The computer program product as described in claim 14  
2 wherein the component data includes one or more fields  
3 selected from the group consisting of a component  
4 identifier, a target platform, a development  
5 environment, a control model, a topography scale, a  
6 management style, a component dependency, a component  
7 placement, a component packaging data, a component  
8 bundling data, a component build option, and a  
9 component runtime option.

1 18. The computer program product as described in claim 14  
2 further comprising:  
3 means for saving each component in a component  
4 library;

5 wherein the means for storing further includes means  
6 for writing a record in a database file, each  
7 record corresponding to a distinct component.

1 19. The computer program product as described in claim 14  
2 further comprising:  
3 means for identifying one or more client attributes  
4 corresponding to a client;  
5 means for comparing the identified client attributes  
6 to the topography components; and  
7 means for selecting one or more topography components  
8 based on the comparing.

1 20. The computer program product as described in claim 19  
2 further comprising:  
3 means for installing the selected topographical  
4 components on one or more client computer  
5 systems.  
6